



Our File No.: AELU.P0006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Lars Erik Thon

Serial No.: 10/615,093

Filing Date: 7/7/2003

For: **A TUNED CONTINUOUS TIME
DELAY FIR EQUALIZER**

Examiner: Lam, Tuan Thieu

Group Art Unit: 2816

**DECLARATION OF THE INVENTOR
UNDER 37 C.F.R. § 1.131**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Lars Erik Thon, hereby declare the following to be true:

1. I am the sole inventor of the invention described and claimed in the above-identified patent application (referred to herein as the present application).
2. I am currently a member of the technical staff at Aeluros, Inc., the assignee of the present application, where I have been employed since Feb. 2002.
3. I conceived of the subject matter claimed in the present application prior to January 8, 2003.
4. The conception of the invention described and claimed in the present application is evidenced by Exhibit A, annexed hereto.
5. The dates of Exhibit A showing conception have been redacted in accordance with standard practice, but all are prior to January 8, 2003.

6. Exhibit A is a copy of an invention disclosure written by myself prior to January 8, 2003. Exhibit A shows the invention described and claimed in the present application. For example, Figure 3 of Exhibit A shows the delay element, the calibration circuit, and the multiplier-summing circuit features of claim 1. Further, the written description of Exhibit A describes these features of Figure 3 and claim 1 starting from the fifth full paragraph onwards.

7. After conception of the invention, I engaged in reasonable diligence from the conception of the invention until the invention was constructively reduced to practice by filing the present application on July 7, 2003.

8. Reasonable diligence from prior to January 8, 2003 to July 7, 2003 is evidenced by Exhibits B and C, annexed hereto.

9. Exhibit B is a copy of invoices for attorney and other fees incurred by Stattler Johnasen & Adeli LLP for preparing and filing the present application. Portions of Exhibit B have been redacted to retain client confidentiality.

10. Exhibit C is a copy of the billing entries for John Stattler of Stattler, Johansen & Adeli LLP showing the progress of the present application from prior to January 8, 2003 to July 7, 2003. Portions of Exhibit C have been redacted to retain client confidentiality.

11. Attached hereto is a Declaration by John Stattler of Stattler, Johansen & Adeli LLP attesting to reasonable attorney diligence from prior to January 8, 2003 to July 7, 2003.

12. Between March 2003 and June 2003, several drafts of the present application were exchanged with Stattler, Johansen & Adeli LLP for review and revision and the present application was filed with the United States Patent and Trademark Office on July 7, 2003.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and that these statements are made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and any patent issuing thereon, or any patent to which this declaration is directed.

2005-10-07

Date

Lars Erik Thon

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